

3. FIT THE MOTOR TO THE AXLE

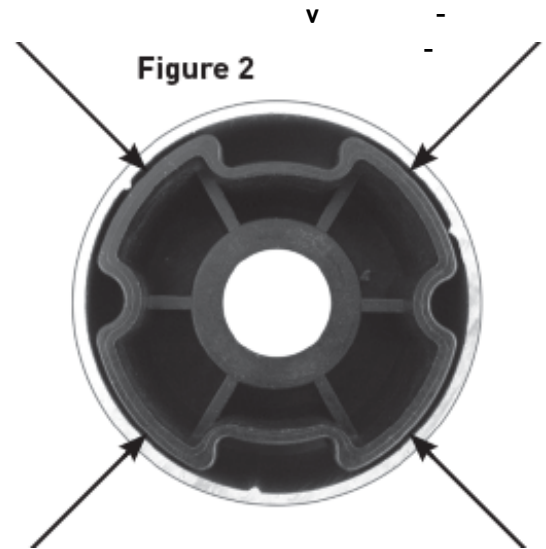
The Drive Wheel must be fixed to the axle by pop rivets. There are 4 high and 4 low spots on the drive wheel. The rivets must be positioned so that they penetrate the high spots (refer to figure 2). Do this in at least two positions. Check the orientation of the Drive Wheel as it is slid into the axle to determine the location of the high spots. Drill the rivet holes 537 ± 2 mm from the motor end of the axle.

With the T06 motor fitted to 50mm round axle there is a gap between the motor tube and axle.

Therefore a spring hanger can be fixed in a position above the motor.

4are must be taken when drilling rivet holes to avoid penetrating or damaging the motor tube.

A standard length rivet is too long to fit in the gap between the motor tube and the axle. To rivet near the motor, half pull the rivet up then push the rivet head flush against the axle before completing the riveting operation.



4. FIT THE MOTOR AND AXLE TO THE END PL

The motor must be attached to the endplate using two M5 screws (Part Number 19.900.005, available separately). Drill two screw holes in the endplate with hole centres 48mm apart.

The stub axle, common to standard roller shutter fittings, must support the T20 motor. Fit the motor to the stub axle protruding from the endplate and fix it in position with the screws.

Ensure the installation protects the motor from direct exposure to water.

Specific attention needs to be given to the routing of the power cable to prevent water ingress and to ensure that it doesn't foul with the curtain.

Water ingress may void the warranty.

The routing of the power cable needs to comply with local wiring regulations.

5. CONNECT THE MOTOR TO THE CONTROLLER

The T20 is a reverse polarity motor and is supplied with a 2-metre lead. The lead is terminated with female spade connectors (4.8mm x 0.5mm).

When the red lead is connected to a positive (+) terminal and the black lead is connected to a negative (-) terminal the motor will turn in an anticlockwise direction (when viewed from the drive wheel end).

6. SETTING THE LIMITS

Use the tool provided to set the up and down limit switches. Refer to the figures below.

On the limit setting diagram there are two arrows pointing towards each other. These indicate the direction of motor rotation (not the direction of shutter travel).

- To adjust the limit switches:
- 1) Pick the direction of motor rotation that requires adjustment.
 - 2) Adjust the appropriate screw. Plus (+) will add travel. Minus (-) will reduce travel.

